Virginia Information Technologies Agency

Virginia NG9-1-1 Deployment Steps

Funding and Contract ➡ **i3 Preconditions** ➡ **i3 Deployment with Geospatial Routing**

Migration Proposal

Outlines GIS, CHE, diversity, and other PSAP and GIS specific requirements

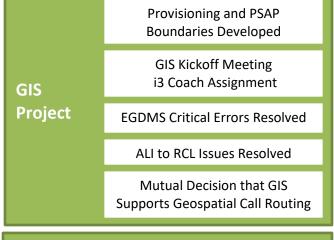- Funding Request Submitted by PSAP
- Funding Request Recommended by 9-1-1 Services Board Funding Committee
- Funding Approved by 9-1-1 Services Board
- Contract Executed by: PSAP NG9-1-1 Service Provider

Diverse Connectivity Project

- Construction Contract with PSAP
- LEC Survey & Work List
- PSAP Contracts with Vendor for Needed Work
- Diversity Constructed

GIS Project

- Provisioning and PSAP Boundaries Developed
- GIS Kickoff Meeting i3 Coach Assignment
- EGDMS Critical Errors Resolved
- ALI to RCL Issues Resolved
- Mutual Decision that GIS Supports Geospatial Call Routing

Call Handling Equipment

- CHE Supports i3 (PSAP Responsibility)

Architecture Phase

- PSAP Site Remediation
- CPE Network Design
- Architecture Review
- Order AVPN Circuits for Integration Phase

Integration Phase

- POI to Aggregation Site Network for Region
- PSAP Equipment Installation
- Circuits and Network Testing & Turn Up
- GIS Data Provisioning

Deployment Phase

- Pre-Cutover Planning and Testing
- Planned PSAP Cut-Over Date:
- PSAP Cut-Over

Notes:
- Blue and orange steps must be completed in order from top to bottom.
- All green boxes must be completed before proceeding with orange Deployment Phase for i3 deployment. They may be completed in any order and can be done simultaneously.
- Green "Mutual Decision" box should be complete about 90 days before the planned cut-over date.
- If not all green solid boxes are met, steps in orange may be altered to deploy PSAP on the ESInet without complete i3 functionality. PSAP would move to i3 functionality as green preconditions are met.